

Numbering for 82248,
Method to Assemble Optical Components to a Substrate

10	optical alignment assembly	50	traces on the substrate
11		51	
12	alignment fixture	52	contacts on the substrate
13		53	
14	optical connector	54	
15		55	
16	optical fibers	56	
17		57	
18	alignment guide pins	58	
19		59	
20	transparent substrate	60	optical source
21		61	
22	alignment apertures	62	optical receiver for optical source
23		63	
24	optical array	64	pick and place computer
25		65	
26	surface of optical connector	66	controller
27		67	
28	first end of optical fibers	68	
29		69	
30	second end of optical fibers	70	recognition module
31		71	
32	receptacle of fixture	72	pick and place arm
33		73	
34	aperture in fixture	74	
35		75	
36	1st surface of substrate	76	
37		77	
38	2nd surface of substrate	78	
39		79	
40		80	alignment marks
41		81	
42		82	1st surface of array
43		83	
44		84	2nd surface of array
		85	
		86	optical ports
		87	
		88	traces
		89	
		90	contact pads
		91	
		92	
		93	